| ENGLISH IDF TABLES FOR MINNESOTA<br>RAINFALL INTENSITIES FOR TIME OF CONCENTRATIONS FOR 5-120 MINUTES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TC IN/HR <15.5 | 1 YEAR IN/HR | 2 YEAR IN/HR | 3 YEAR IN/HR | 5 YEAR IN/HR | 10 YEAR IN/HR | 25 YEAR IN/HR | 50 YEAR IN/HR | 100 YEAR IN/HR |
| 30.0 | 1.28 | 2.26 | 2.57 | 2.93 | 3.38 | 4.00 | 4.47 | 4.94 |
| 31.0 | 1.27 | 2.24 | 2.53 | 2.89 | 3.34 | 3.95 | 4.42 | 4.89 |
| 32.0 | 1.27 | 2.21 | 2.50 | 2.86 | 3.30 | 3.91 | 4.37 | 4.83 |
| 33.0 | 1.26 | 2.18 | 2.47 | 2.82 | 3.26 | 3.86 | 4.32 | 4.78 |
| 34.0 | 1.25 | 2.15 | 2.44 | 2.79 | 3.22 | 3.82 | 4.27 | 4.72 |
| 35.0 | 1.24 | 2.12 | 2.41 | 2.75 | 3.18 | 3.77 | 4.22 | 4.67 |
| 36.0 | 1.24 | 2.10 | 2.38 | 2.72 | 3.14 | 3.72 | 4.17 | 4.62 |
| 37.0 | 1.23 | 2.07 | 2.35 | 2.68 | 3.10 | 3.68 | 4.12 | 4.56 |
| 38.0 | 1.22 | 2.04 | 2.21 | 2.65 | 3.06 | 3.63 | 4.07 | 4.51 |
| 39.0 | 1.21 | 2.01 | 2.29 | 2.62 | 3.02 | 3.59 | 4.02 | 4.45 |
| 40.0 | 1.21 | 1.98 | 2.25 | 2.58 | 2.98 | 3.54 | 3.97 | 4.40 |
| 41.0 | 1.20 | 1.96 | 2.22 | 2.55 | 2.94 | 3.50 | 3.92 | 4.35 |
| 42.0 | 1.19 | 1.93 | 2.19 | 2.51 | 2.91 | 3.45 | 3.88 | 4.29 |
| 43.0 | 1.18 | 1.90 | 2.16 | 2.48 | 2.87 | 3.41 | 3.83 | 4.24 |
| 44.0 | 1.18 | 1.87 | 2.13 | 2.44 | 2.83 | 3.36 | 3.78 | 4.18 |
| 45.0 | 1.17 | 1.84 | 2.10 | 2.41 | 2.79 | 3.32 | 3.73 | 4.13 |
| 46.0 | 1.16 | 1.82 | 2.07 | 2.37 | 2.75 | 3.27 | 3.68 | 4.08 |
| 47.0 | 1.16 | 1.79 | 2.04 | 2.34 | 2.71 | 3.23 | 3.63 | 4.02 |
| 48.0 | 1.15 | 1.76 | 2.01 | 2.30 | 2.67 | 3.18 | 3.58 | 3.97 |
| 49.0 | 1.14 | 1.73 | 1.98 | 2.27 | 2.63 | 3.14 | 3.53 | 3.91 |
| 50.0 | 1.13 | 1.71 | 1.94 | 2.23 | 2.59 | 3.09 | 3.48 | 3.86 |
| 51.0 | 1.13 | 1.68 | 1.91 | 2.20 | 2.55 | 3.05 | 3.43 | 3.81 |
| 52.0 | 1.12 | 1.65 | 1.88 | 2.16 | 2.51 | 3.00 | 3.38 | 3.75 |
| 53.0 | 1.11 | 1.62 | 1.85 | 2.13 | 2.47 | 2.96 | 3.33 | 3.70 |
| 54.0 | 1.10 | 1.59 | 1.82 | 2.09 | 2.43 | 2.91 | 3.28 | 3.65 |
| 55.0 | 1.10 | 1.57 | 1.79 | 2.06 | 2.40 | 2.87 | 3.23 | 3.59 |
| 56.0 | 1.09 | 1.54 | 1.76 | 2.02 | 2.36 | 2.82 | 3.18 | 3.54 |
| 57.0 | 1.08 | 1.51 | 1.73 | 1.99 | 2.32 | 2.78 | 3.13 | 3.48 |
| 58.0 | 1.07 | 1.48 | 1.70 | 1.95 | 2.28 | 2.73 | 3.08 | 3.43 |
| 59.0 | 1.07 | 1.45 | 1.66 | 1.92 | 2.24 | 2.69 | 3.03 | 3.38 |
| 60.0 | 1.06 | 1.43 | 1.63 | 1.89 | 2.20 | 2.64 | 2.98 | 3.32 |
| 120.0 | 0.66 | 0.92 | 1.05 | 1.22 | 1.42 | 1.70 | 1.92 | 2.14 |

MINNEAPOLIS RAINFALL DATUM; MINNEAPOLIS DESIGN REFERENCE; 2 OF 3

**MINNEAPOLIS**
**DEPARTMENT OF PUBLIC WORKS**

DRAWN: DCD | DATE: 5/03

APPROVED: HRS | DATE: 2/09

RAINFALL DATA

STANDARD PLATE NO. SEWR-6011